

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 10873.1780USWO	Application Number: 10/550118
	Applicant: AKIYAMA et al.	
	Filing Date: Concurrent herewith	Group Art Unit: Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/EW/	US 5,152,294	10/1992	Mochizuki et al.			
/EW/	US 5,251,631	10/1993	Tsuchiko et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
/EW/	JP 3-184532	08/1991	Japan			See IDS	
	JP 2-57242	02/1990	Japan			Abstract	
	JP 1-227743	09/1989	Japan			See IDS	
	GB 2 216 660 A	10/1989	United Kingdom				
	JP 1990-124553	10/1990	Japan			Partial only	
	JP 2002-153473	05/2002	Japan			Abstract only	
	JP 9-299363	11/1997	Japan			Abstract	
	JP 11-178832	07/1999	Japan			Abstract	
	JP 2-246944	10/1990	Japan			Abstract	
	JP 2002-78710	03/2002	Japan			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.